

REMARKS

The Specification and claims have been reviewed for typographical and grammatical errors. No genuine typographical errors were discovered. However, correction of some drafting errors and entry a few amendatory improvements have been requested. The drafting error involve the accidental double use of the reference #13. Those instances in the Specification and Drawings where 13 referred to the colored rings have been changed to use #41 and #42, instead. This leaves a proper (and original) #13 to refer to the threaded ferrule (12 & 13 -- see line 4 on page 6) in Figure 2, which, it will be noted, is a legitimate form of 'RF connector' (even though its center conductor is soldered in place as part of the 'connection'). The amendatory improvements include supplying a serial number on page 1 that was unknown at the time of filing, and two instances of adding reference #34 to passages that concern it. (These additions of #34 are well supported by surrounding as-filed uses of #34.) It is believed that none of these requested amendments is controversial in the least, and that none introduces any new matter whatsoever.

In addition to pointing out the double use of #13, the Examiner called to point out that claim 1 as originally filed recites more connectors than are depicted in the Drawings. In preparing the Drawings applicant inadvertently, and without deceptive intent, omitted a view that showed an element recited in claim 1 as originally filed, thus running afoul of 37 CFR 1.83(a).

This oversight has been corrected by requesting the entry of a new Figure 5 that shows (43) the omitted RF connector. Its companion connector is now 44, which is also shown. This does not constitute new matter. First, it is supported by claim 1 as originally filed. Second, the (un-amended) passage at lines 18 - 19 of page 6 and the passage at lines 7 - 14 on page 8 (as originally filed) support the subject matter 43/44 of Figure 5 (which, except for items 43 and 44 is the same as Figure 3). For the examiner's convenience, those passages are reproduced below:

"... Nevertheless, it will be appreciated that, insofar as replaceability of the probe or cable is concerned, another RF connector, perhaps not even threaded, could be used in other applications." ...

"Finally, it will be appreciated that it is not absolutely necessary to use as the detachable coaxial connection in the probe itself the particular soldered-to-the-shield connector with soldered center conductor that is shown and described in the incorporated '989 Application. It would also be possible to use another threaded connector, such as APC 3.5, or if sufficient additional strain relief is provided, even a conventional push-on RF connector, such as SMP, SMB or SMC. It might be desirable for the auxiliary conductors at the probe to remain soldered if space is at a premium (which seems likely). By the same

token, the RF connector assembly 34 of the positive locking push-on precision male BNC connector assembly 3 (pod housing) could also be a non-threaded RF connector."

The second passage of the two above has also been amended to refer to the items 43 and 44, to be in compliance with 37 CFR 1.84(p)(5).

This letter is accompanied by a marked-up partial set of drawings showing the changes to Figures 2 and 4 pertaining to the correction of the double use of reference #13, and a marked up copy of Figure 5 showing the material that is different from Figure ~~2~~³ (i.e., the added connectors). The marked-up partial set of drawings is for the Examiner's approval, and a separate Letter To The Draftsman requesting (subject to the approval of the Examiner) the entry of a complete new set of accompanying Drawings has been included herewith.

Thus, on the basis of the requested amendments and the companion arguments set out above, the Specification, Claims and Drawings are believed to comply with 37 CFR 1.83(a) and the Examiner is respectfully requested to withdraw the objections.

THEREFORE, continued examination is requested, and favorable action is respectfully solicited.

Respectfully submitted,

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